

This permit originally issued to General Energy, ~~then~~ owned by Energy Energy, now owned by Town Oil Co.

Missouri Oil and Gas Council

Form OGC-3

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

APPLICATION TO DRILL ☒ DEEPEN ☐ PLUG BACK ☐

for an oil well ☒ or gas well ☐

NAME OF COMPANY OR OPERATOR Town Oil Co. DATE 12/6/85
Route 4 Paola KS 66071
Address City State

DESCRIPTION OF WELL AND LEASE							
Name of lease <u>Jack Beary</u>	Well number <u>56-C</u>	Elevation (ground)					
WELL LOCATION (give footage from section lines) <u>549.34</u> ft. from (N) (S) sec. line <u>432.25</u> ft. from (E) (W) sec. line							
WELL LOCATION Section <u>4</u> Township <u>46N</u> Range <u>33W</u>		County <u>CASS</u>					
Nearest distance from proposed location to property or lease line: <u>385</u> feet		Distance from proposed location to nearest drilling, completed or applied for well on the same lease: <u>220</u> feet					
Proposed depth <u>670</u>	Drilling contractor, name & address	Rotary or Cable Tools <input checked="" type="checkbox"/>	Approx. date work will start <u>see note</u>				
Number of acres in lease <u>24.5</u>		Number of wells on lease, including this well, completed in or drilling to this reservoir: _____ Number of abandoned wells on lease: _____					
If lease, purchased with one or more wells drilled, from whom purchased: Name _____ Address _____		No. of Wells: producing _____ injection _____ inactive _____ abandoned _____					
Status of Bond Single Well <input type="checkbox"/> Amt. _____ Blanket Bond <input checked="" type="checkbox"/> Amt. <u>20,000</u> <input checked="" type="checkbox"/> ON FILE <input type="checkbox"/> ATTACHED							
Remarks: (If this is an application to deepen or plug back, briefly describe work to be done, giving present producing zone and expected new producing zone) use back of form if needed.							
Proposed casing program:		Approved casing -- To be filled in by State Geologist					
amt. <u>650'</u> <u>20'</u>	size <u>4"</u> <u>3 1/4"</u>	wt./ft. <u>10.4</u> <u>22</u>	cem. <u>yes</u> <u>yes</u>	amt. <u>✓</u> <u>✓</u>	size <u>✓</u> <u>✓</u>	wt./ft. <u>✓</u> <u>✓</u>	cem. <u>✓</u> <u>✓</u>
I, the undersigned, state that I am the <u>Partner</u> of the <u>Town Oil</u> (company), and that I am authorized by said company to make this report, and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.							
Signature <u>Lester Town</u>							

Permit Number: 20105

Approval Date 12/6/85
Approved By Wallace B. Hume

Note: This Permit not transferable to any other person or to any other location.

Remit two copies to: Missouri Oil and Gas Council
P.O. Box 250 Rolla, Mo. 65401
One will be returned for driller's signature

- ☒ Drillers log required
☒ E-logs required if run
☒ Core analysis required if run
☒ Drill stem test info. required if run
☒ Samples required
☐ Samples not required

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DEC 16 1985

MO. OIL & GAS COUNCIL

WATER SAMPLES REQUIRED @

Approval of this permit by the Oil and Gas Council does not constitute endorsement of the geologic merits of the proposed well nor endorsement of the qualifications of the permittee.

APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK

APPLICATION TO DRILL ☒ DEEPEN ☐ PLUG BACK ☐

NAME OF COMPANY OR OPERATOR General Energy Inc of Linn Co DATE 11-25-80
Box 216 Mound City KS 66056
 Address City State

DESCRIPTION OF WELL AND LEASE

Name of lease <u>Jack Beary</u>		Well number <u>56-C</u>	Elevation (ground)
WELL LOCATION <u>550</u> ^{549.34} ft. from (N) ^{1432.25 FEL} sec. line <u>385</u> ft. from (E) ^{1432.25 FEL} sec. line			
WELL LOCATION Section <u>4</u> Township <u>46</u> Range <u>33</u>			County <u>CASS</u>
Nearest distance from proposed location to property or lease line: <u>385</u> feet		Distance from proposed location to nearest drilling, completed or applied - for well on the same lease: <u>220</u> feet	
Proposed depth: <u>670</u>	Rotary or Cable tools <u>ROTARY</u>	Approx. date work will start <u>12 80</u>	
Number of acres in lease: <u>24 1/2</u>		Number of wells on lease, including this well, completed in or drilling to this reservoir: <u>1</u> Number of abandoned wells on lease: _____	
If lease, purchased with one or more wells drilled, from whom purchased: Name _____ Address _____		No. of Wells: producing _____ inactive _____ abandoned _____	
Status of Bond Single Well <input type="checkbox"/> Amt. _____ Blanket Bond <input checked="" type="checkbox"/> Amt. <u>20,000.00</u> <input checked="" type="checkbox"/> ON FILE <input type="checkbox"/> ATTACHED			
Remarks: (If this is an application to deepen or plug back, briefly describe work to be done, giving present producing zone and expected new producing zone) use back of form if needed.			
Proposed casing program:		Approved casing - To be filled in by State Geologist	
amt.	size	wt./ft.	cem.
<u>650'</u>	<u>4"</u>	<u>10.4</u>	<u>yes</u>
<u>20'</u>	<u>7 1/4"</u>	<u>22</u>	<u>yes</u>
_____	_____	_____	_____
_____	_____	_____	_____
I, the undersigned, state that I am the <u>VICE PRESIDENT</u> of the <u>GENERAL ENERGY INC, OF LINN CO</u> (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.			
Signature <u>Ray McMan</u>			

Permit Number: 20105
 Approval Date: December 1, 1980
 Approved By: Wallace B. Lowe
 IRS

Note: This Permit not transferable to any other person or to any other location.

Remit two copies to: Missouri Oil and Gas Council
 P.O. Box 250 Rolla, Mo. 65401
 One will be returned for driller's signature

☒ SAMPLES REQUIRED

☐ SAMPLES NOT REQUIRED

DEC 01 1980

MO OIL & GAS COUNCIL

WATER SAMPLES REQUIRED @:

MISSOURI OIL AND GAS COUNCIL

Form OGC-5

WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG

New Well ☒ Work-Over ☐ Deepen ☐ Plug Back ☐ Same Reservoir ☐ Different Reservoir ☐ Oil ☒ Gas ☐ Dry ☐

Owner Emery Energy, Inc.		Address Box 519, Osawatomie, Kansas 66064	
Lease Name Jack Beary Lease		Well Number C-56	
Location 549.34 ft. FNL 1432.25 Ft. FEL		Sec. — TWP-Range or Block & Survey Sec. 4 Twp. 46N Range 33W	
County Cass	Permit number (OGC3 number) 20105		
Date spudded 12-15-80	Date total depth reached 12-16-80	Date completed, ready to produce 1-27-81	Elevation (DF, RKB, RT or Gr.) 1069.3 feet Gr.
Total depth 640 ft.	P. B. T. D. 629.4		
Producing interval (s) for this completion 566-579 584-584		Rotary tools used (interval) From 0 to T.D. Drilling Fluid used water, air	Cable tools used (interval) From None to None
Was this well directionally drilled? no	Was directional survey made? no	Was copy of directional survey filed? no	Date filed no
Type of electrical or other logs run (list logs filed with the State Geologist) Gamma Ray, Neutron, CCL			Date filed 5/25/1981

CASING RECORD

Casing (report all strings set in well—conductor, surface, intermediate, producing, etc.)

Purpose	Size hole drilled	Size casing set	Weight (lb ft)	Depth set	Sacks cement	Amt. pulled
surface	9 in.	7 in.	35	20	XXXX	
producing	6.25 in.	4 in.	10.6	629.40	70	

TUBING RECORD

LINER RECORD

Size	Depth set	Packer set at	Size	Top	Bottom	Sacks cement	Screen (ft.)
2.375 in.	561 ft.	none ft.	N/A in.	N/A ft.	N/A ft.	N/A	N/A

PERFORATION RECORD

ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD

Number per ft.	Size & type	Depth Interval	Amt. & kind of material used	Depth Interval
.85	3 1/2 glass	566-579, 584-584	water gel	
			sand 20-40	
			sand 10-30	

INITIAL PRODUCTION

Date of first production 2-6-81		Producing method (indicate if flowing, gas lift or pumping—if pumping, show size & type of pump:) No record-see later production report					
Date of test no	Hrs. tested	Choke size	Oil prod. during test bbls.	Gas prod. during test MCF	Water prod. during test bbls.	Oil gravity API (Corr.)	
Tubing pressure	Casing pressure	Cal'ed rate of Production per 24 hrs.	Oil bbls.	Gas MCF	Water bbls.	Gas-oil ratio	

Disposition of gas (state whether vented, used for fuel or sold):

Method of disposal of mud pit contents:

CERTIFICATE: I, the undersigned, state that I am the **Vice-President** of the **Emery Energy, Inc.** (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

Signature

Devon Hurst

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Remit two copies: one will be returned

JUN 05 1981

MO. OIL & GAS COUNCIL

W00012

DETAIL OF FORMATIONS PENETRATED

Formation	Top	Bottom	Description*
PENNSYLVANIAN SYSTEM			
KANSAS CITY			
Iola Ls.	0	60	White to light gray limestone
Chanute Sh.	60	140	Gray to green shales with gray limestone beds
Cement City Sh.	66	80	Blue, gray limestone
Belton Ss.	132	140	Sandstone
Cherryvale Sh.	140	165	Gray, blue shales
Dennis Ls.			
Winterset Sh.	165	194	Gray, blue coarse limestone
Stark Sh.	194	200	Black, fissile shale
Swope Ls.			
Bethany Falls Ls.	200	220	Gray, fine to coarse limestone
Hush puckney Sh.	220	226	Black, fissile shale
Hertha Ls.	226	236	Gray to blue limestone
PLEASANTON	236	418	Gray, green shales sand
Knobtown Ss.			
Dawson Coal Hor.	467	471	Black, fissile, slaty shale
HENRIETTA	418	525	
Alamont	418	439	Gray brown, fine grained limestone with gray shale
Pawnee	439	473	Fine grained, light gray limestone
Peru Ss.	454	457	Sand
Myrick Sta. Ls.	468	473	Gray to brown limestone
Anna Sh.	473	478	Coal to black fissile shale
Fort Scott	478	525	Gray to green shales and limestone
Englevalle Ss.	478	502	Fine to medium grained channel sandstone
CHEROKEE	525	---	Gray to dark shales
Upper Cherokee			
Upper Squirrel	528	535	Fine to medium grained sandstones
Lower Squirrel	566	598	Fine to medium grained sandstones
Bevier Coal Hor.			Black coal
Lower Cherokee			
Burbank Ss.			Sandstone, irregular
Bartlesville Ss.	598	640 T.D.	Shale, sandy shale, thin sandstone
Core # 1	See attached sheets.		
Core # 2			
Core # 3			

*Show all important zones of porosity, detail of all cores, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

INSTRUCTIONS:

Attach drillers log or other acceptable log of well if available.



EMERY ENERGY, INC.

225 North State Street
Salt Lake City, Utah 84103
(801) 531-8770

June 14, 1984

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JUN 22 1984

Missouri Department of Natural Resources
P.O. Box 250
Rolla, MO. 65401
Attn: Mr. Bruce W. Netzler, Geologist

MO. OIL & GAS COUNCIL

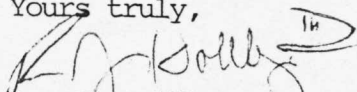
Dear Mr. Netzler,

I am in receipt of your letter requesting an interpretation of the log reports submitted to your office in 1981 by our company covering wells on the Beary Lease, Cass County, Missouri. In 1982-83 we basically shut down our operations in the Kansas/Missouri area and let the people go who were responsible for both the drilling of these wells and the Government reports. I have looked over the logs and our in-house geologist here in Salt Lake has examined it also but we are unable to come up with the answers. The fact is that no one is around who was there to observe the way the formations lay, so I don't know ~~how~~ we can clear up the matter.
how

If 3½ years hadn't passed I'd have confidence that maybe we could tack something down, but now I believe it is too late.

I'm sorry I wasn't able to help you in getting this cleared up. Please feel free to call if you have any other questions.

Yours truly,


Ron J. Hollberg, III
Production Dept.

RJH/rh